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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/920,660	08/01/2001	Richard A. Bardini	SONY-15700	6729
28960	7590	01/10/2005	EXAMINER	
HAVERSTOCK & OWENS LLP 162 NORTH WOLFE ROAD SUNNYVALE, CA 94086			SIDDIQI, MOHAMMAD A	
			ART UNIT	PAPER NUMBER

2154

DATE MAILED: 01/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/920,660	Applicant(s) BARDINI ET AL.	
	Examiner Mohammad A Siddiqi	Art Unit 2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 August 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-64 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-64 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/1/02, 4/23/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-64 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-4,6,8-12,16,17,19-23,27-29,31-34,36,39-41,43-46,48,50-56,60,61,63, and 64 are rejected under 35 U.S.C. 102(e) as being anticipated by Owashi et al. (6,163,644) (hereinafter Owashi).

4. As per claims 1 and 33,Owashi discloses a method of invalidating stored data after a predetermined period of time comprising:

- a. obtaining a current time from a clock source (time stamp, 3 fig 8, col 3, lines 39-41);

b. decrypting (col 2, lines 52-54) an expiration time associated (viewing rights, col 18, lines 29-41) with the stored data (cannot be changed by the subscriber, col 3, lines 41-43);

c. comparing the expiration time to the current time (viewing rights, col 18, lines 29-41); and

d. invalidating (viewing rights and comparator, col 18, lines 29-41) the stored data if the current time is earlier than or equal to the expiration time (viewing rights, col 18, lines 29-41).

5. As per claims 11 and 44, Owashi discloses a media storage device for invalidating stored data after a predetermined period of time, the media storage device comprising:

a. an interface circuit for receiving a stream of data (col 2, lines 34-64), wherein the stream of data includes content and an expiration time (col 3, lines 34-39 and col 18, lines 29-41) associated with the content (viewing rights, col 18, lines 29-41);

b. a media coupled to the interface circuit for storing the received stream of data (col 5, lines 20-27); and

c. a control circuit coupled to the interface circuit and the media for comparing a current time to the expiration time and enabling the stored content to be read from the media if the expiration time is earlier than the

current time and invalidating the received stream of data if the expiration time is later than or equal to the current time (col 3, lines 34-49 and col 18, lines 29-61).

6. As per claim 21, the claim is rejected for the same reasons as claims 1 and 11, above.

7. As per claim 53, the claim is rejected for the same reasons as claim 1 above. In addition, Owashi discloses downloading an encrypted data (col 2, lines 35-63) stream associated with the expiration time onto a media storage device ((fig 1, col 2, lines 35-63 and col 5, lines 20-27) waiting until a predetermined time interval has elapsed (col 18, lines 29-61 and col 3, lines 29-44); d. obtaining a global time from a clock source (col 3, lines 29-44); e. decrypting the expiration time associated with the downloaded data (time stamp, col 2, lines 44-63); f. comparing the expiration time to the global time to determine if the expiration time has elapsed (col 18, lines 29-61 and col 3, lines 29-44) ; g. repeating c-f until the expiration time has elapsed (col 18, lines 29-61 and col 3, lines 29-44); and h. invalidating the stored data when the expiration time has elapsed (col 18, lines 29-61 and col 3, lines 29-44).

8. As per claim 55, the claim is rejected for the same reasons as claim 11, above.

9. As per claims 2, 12, 22, 34, and 56, Owashi discloses a-c are performed once every predetermined time interval until the current time is later than or equal to the expiration time (means for comparing time, col 3, lines 34-39).

10. As per claims 3, 27, 39, and 45, Owashi discloses the expiration time is received as an encrypted (col 2, lines 44-48) expiration time from a remote source (predetermined period has lapsed, 30, fig 1, col 3, lines 34-49).

11. As per claims 4, 28, 40, and 46, Owashi discloses stored data is downloaded (recording a signal, col 2, lines 35-43) data from the remote source as encrypted data (fig 1, col 5, lines 20-27).

12. As per claims 6, 17, 29, 36, 41, 48, and 61, Owashi discloses the stored data is stored on a media storage device integrated within a television (54, fig 1, col 5, lines 20-27).

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13. As per claims 8 and 50, Owashi discloses re-validating the invalidated stored data by obtaining a new expiration time associated with the invalidated data (predetermined period has lapsed, 30, fig 1, col 3, lines 34-49 and col 18, lines 29-41).

14. As per claims 9, 31, and 51, Owashi discloses expiration time is extended by obtaining an extended expiration time before the stored data is invalidated and further wherein the extended expiration time replaces the expiration time (col 3, lines 34-38 and col 18, lines 29-41).

15. As per claims 10, 19, 32, 43, 52, 54 and 63, Owashi discloses clock source is a secure clock source (cannot be changed by the subscriber, col 3, lines 39-45).

16. As per claims 16 and 60, Owashi discloses a manipulating circuit coupled to the control circuit for encrypting and decrypting the stream of data received by and transmitted from the media storage device (col 2, lines 44-63).

17. As per claim 23, Owashi discloses reading the stored data continues until the expiration time has elapsed, at which time the stored data is invalidated and reading the stored data discontinues (col 18, lines 29-61).

18. As per claims 20 and 64, Owashi discloses the content is viewable content (TV, col 5, lines 1-9).

19. As per claim 54, the claim is rejected for the same reasons as claim 19, above.

Claim Rejections - 35 USC § 103

20. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

21. Claims 5, 7, 13-15, 18, 24-26, 30, 35, 37, 38, 42, 47, 49, 57-59, and 62, rejected under 35 U.S.C. 103(a) as being unpatentable over Owashi et al.

(6,163,644) (hereinafter Owashi) in view of Smyers et al. (6,247,069) (hereinafter Smyers).

22. As per claims 5,13, 14, 24, 25, 35,37, 47,57, and 58, Owashi discloses stored data is stored on a media storage device (col 5, lines 20-27). Owashi fails to disclose the media storage device is a stand-alone device within an IEEE 1394-2000 serial bus network. However, Smyers discloses media storage device is a stand-alone device within an IEEE 1394-2000 serial bus network (col 4, lines 23-31). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teachings of Owashi and Smyers. The motivation would have been to have a network of devices coupled with each other using industry standard IEEE 1394 serial bus.

23. As per claims 7, 18,30,42, 49, and 62, Owashi fails to disclose the stored data is stored on a media storage device integrated within a computer. However Smyers discloses the stored data is stored on a media storage device integrated within a computer (22, fig 2, col 7, lines 56-67). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to combine the teachings of Owashi and Smyers. The motivation would have been to store the data stream on computer hard disk

and play using media player.

24. As per claim 15, 26, 38, and 59, Owashi discloses the transmitted data is encrypted (col 2, lines 44-49).

Conclusion

25. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S. Publication US2002/0077984 teaches digital data shared between playback devices.

U.S. Patent 5,933,625 teaches time generating device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A Siddiqi whose telephone number is (571) 272-3976. The examiner can normally be reached on Monday -Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAS

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